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**From:** April Abate  
**To:** Dave Shaver; Karla Knoop  
**CC:** OGMCOAL@utah.gov  
**Date:** 6/10/2009 4:58 PM  
**Subject:** Centennial Q1-2009 Water Quality Report  
**Place:** OGMCOAL@utah.gov  
**Attachments:** 0013.pdf; April Abate.vcf

Hello Dave and Karla,

Here is your water quality report for the first quarter 2009. Not much to report, but please feel free to contact me should you have any comments or questions.

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# WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

June 8, 2009

TO: Internal File

THRU: James D. Smith, Permit Supervisor *JS 06/01/09*

FROM: April A. Abate, Environmental Scientist II *QAC 6-9-2009*

SUBJECT: 2009 First Quarter Water Monitoring, Andalex Resources, Centennial Mine, C/007/0019, Task ID #3233

The Centennial Mine is currently in temporary cessation. No mining or coal processing activities currently take place there, nor is the site in active reclamation.

In June 2007, the Division of Oil, Gas, and Mining (the Division) conditionally-approved an amendment to revise the existing operational water monitoring requirements. The purpose of submitting the water-monitoring plan was to correct discrepancies identified by Division personnel within the MRP (Mining and Reclamation Plan) and revise the existing water monitoring operational requirements at the Centennial mine. The approved water monitoring plan has superceded the sample locations outlined in the Probable Hydrologic Consequence (PHC) section of the MRP (Appendix L). Figure 7-1 located at the end of Chapter 7 illustrates the active and deleted groundwater and surface water monitoring locations that have been approved by the Division.

## 1. Were data submitted for all of the MRP required sites?

Springs YES ☒ NO ☐

All of the springs were either inaccessible or not flowing.

Streams YES ☒ NO ☐

All of the streams were either inaccessible or not flowing.

Wells YES ☒ NO ☐

Well #1 remains dry.

UPDES YES ☒ NO ☐

All UPDES locations were monitored monthly in accordance with the permit. No discharge from any of the sample locations was reported for the first quarter of 2009.

**Pond** YES ☒ NO ☐

The stock watering pond, 31-1 sampling location was reported as inaccessible due to snow during the first quarter of 2009.

**2. Were all required parameters reported for each site?**

**Springs and Pond** YES ☐ NO ☐

Not applicable this quarter.

**Streams** YES ☐ NO ☐

Not applicable this quarter.

**Wells** YES ☐ NO ☐

Not applicable this quarter.

**UPDES** YES ☐ NO ☐

Not applicable this quarter.

**3. Were any irregularities found in the data?**

**Springs and Pond** YES ☐ NO ☐

Not applicable this quarter.

**Streams** YES ☐ NO ☐

Not applicable this quarter.

**Wells** YES ☐ NO ☐

Not applicable this quarter.

**UPDES**

YES ☐ NO ☐

Not applicable this quarter.

4. Did the Permittee make a timely submittal of all data, including initially missing data, and satisfactorily explain irregular data? YES ☐ NO ☐

Not applicable this quarter.

5. Does the Mine Permittee need to submit more information to fulfill this quarter's monitoring requirements? YES ☐ NO ☒

6. Based on your review, what further actions, if any, do you recommend?

The Division has received the approved water monitoring plan. The plan was approved after the first quarter water sampling occurred. The new water monitoring plan will likely take effect beginning second quarter 2009.

7. Follow-up from last quarter, if necessary.

None